

PM 21

42056-23

8-20-99

Jacket

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

42056-23

Date of Issuance:

AUG 20 1999

Term of Issuance:

Conditional

Name of Pesticide Product:

Vitavax-Thiram-
Metalaxyl Seed
Treatment

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Trace Chemicals, LLC
839 Brenkman Drive
Pekin, IL 61554

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following labeling change before you release the product for shipment: Add the phrase "EPA Registration No. 42056-23".
3. Under Environmental Hazards, groundwater advisory; change "This chemical" in the first sentence to "Metalaxyl" and to "this product" in the second sentence.

Signature of Approving Official:

Mary L. Waller

Mary L. Waller, Product Manager (21)
Fungicide Branch,
Registration Division(7505C)

Date:

AUG 20 1999

4. Submit one copy of the final printed label before you release your product for shipment.

If these conditions are not compiled with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

Mary L. Waller

Mary L. Waller,
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 20 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

42056-23

TCI
Vitavax-Thiram-Metalaxyl Seed Treatment
With Molybdenum

Active Ingredients:	By Wt.
Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide).....	10.00%
Thiram (Tetramethylthiuram disulfide).....	10.00%
Metalaxyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester.....	1.62%
Inert Ingredients:	78.38%
Total.....	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment
Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, waterproof gloves and protective eyewear. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

STATEMENT OF PRACTICAL TREATMENT
If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. Avoid alcohol.
If on Skin: Wash with plenty of soap and water. Get medical attention.
If Inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.
If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

USER SAFETY RECOMMENDATIONS
Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

EPA Reg. No. 42056-
EPA Est. No. 42056-IL-1

Net Contents: 1 quart (32 fl. oz.)

Manufactured by:
Trace Chemicals LLC
Pekin, Illinois 61554

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Collect or incorporate seed that are spilled during loading or are visible on soil surface in turn areas. Dispose of all treated seed by burial away from bodies of water.

Groundwater Advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. "Exception: if the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas if there will be no contact with anything that has been treated." PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

Directions For Use

Vitavax-Thiram-Metalaxyl seed treatment is a ready-to-use product. Apply as a pour-on hopper-box application or through on-farm seed treatment equipment. Vitavax-Thiram-Metalaxyl seed treatment combines the systemic action of carboxin and metalaxyl with the surface action of thiram to control certain seed rot/seedling blight diseases including *Pythium*, *Rhizoctonia*, *Fusarium* and *Helminthosporium*. Vitavax-Thiram-Metalaxyl seed treatment also contains molybdenum as an aid in the nitrogen fixation process of the soybean plant. Fill planter box or mixing vessel with seed, pour the required amount of Vitavax-Thiram-Metalaxyl seed treatment evenly on top of seed. Stir thoroughly with a stick or paddle so that all seeds are covered.

Rates

Soybeans: Use 4.0 fl. oz. of Vitavax-Thiram-Metalaxyl seed treatment per bushel of seed (6.7 fl. oz. per 100 lbs of seed). On soybeans, do not graze or feed livestock on forage and hay on treated areas.

Use Restrictions

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seed beyond planting time. Note: Regularly inspect planter plates and mechanisms and clean as required for proper seeding. At the end of each day of use, clean out the electric eye monitors according to the manufacturer's directions.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty containers.

Storage: Store in a cool dry location. Do not store at temperatures below 32°F.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: Triple rinse or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE-READ CAREFULLY

CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Trace Chemicals LLC no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Trace Chemicals LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, TRACE CHEMICALS, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, TRACE CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. Buyer/User purchases the product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by written agreement signed by a duly authorized representative of Trace Chemicals LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

